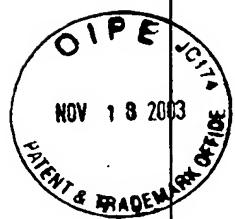


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F rm PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DKT. NO. (3022-0019) 1227.43062X00	SERIAL NO. 10/644,094
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT T. SHINODA		
		FILING DATE August 20, 2003	EXPECTED GROUP	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
TH	AA	4,890,842	01/02/90	Plange			
	AB						
	AC						
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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation/ Abstracts	
							Yes	No
TH	AE	8-71205	03/19/96	Japan			X	
	AF	7-204314	08/08/95	Japan			X	
	AG	7-68051	03/14/95	Japan			X	
	AH	6-110853	04/22/94	Japan			X	
	AI	2003-175154	06/24/03	Japan			X	
↓	AJ	2003-38858	02/12/03	Japan			X	
	AK	2002-18378	01/22/02	Japan			X	
TH	AL	2001-331269	11/30/01	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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						Yes	No
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	AF 2001-187273	07/10/01	Japan			X	
	AG 2001-113043	04/24/01	Japan			X	
	AH 2000-224664	08/11/00	Japan			X	
	AI 2000-48182	02/18/00	Japan			X	
↓	AJ 11-473	01/06/99	Japan			X	
	AK 10-108959	04/28/98	Japan			X	
TH AL	9-325759	12/16/97	Japan			X	

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	AF	DE 197 53 285 A1	01/07/00	Germany				X
↓	AG	WO 99/41719	08/19/99	PCT			X	
TH	AH	WO 95/51384	11/19/98	PCT				
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	AK							
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